



INTERMEDIATE SYSTEMS SOFTWARE DEVELOPER

APPLICATION DEADLINE IS SATURDAY, JANUARY 6, 2017 AT 11:59PM

Division: Information Technology

Reports to: Director of Information Technology

Location: Nashville, Tennessee

Full-time/Part-time: Full-time

Salary Grade: 40

Monthly Salary Range Minimum: \$5,222

FLSA Classification: Exempt

Critical features of this job are described under the headings below. They may be subject to change due to changes in our business processes or other business-related reasons.

POSITION SUMMARY: Responsible for professional information systems software development and analytic work of a fair degree of difficulty to include the design, development, implementation, and ongoing maintenance of agency-specific systems.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Essential duties and responsibilities include the following. Other duties may be assigned.

- Reviews program design with division staff and Business Analyst to ensure compatibility with documented business needs; examines deliverables for adherence to organization and division standards to ensure that user and system requirements are being met.
- Develops software applications based on documented designs using Agency standard coding practices and development tools, which includes the creation of import/export files and designing user interfaces; creates database objects, user interface code, business logic, reports, interface scripts, query language (SQL), and all other code required to implement agency systems.
- Writes, tests, and de-bugs agency systems, selecting appropriate application development languages and tools and making recommendations to the Division Director and/or Lead Systems Developer; follows all documented policies and procedures.
- Tests program accuracy and completeness by performing sample data runs on a representative test platform prior to recommending that programs become operational.
- Resolves problems encountered in the use of agency systems, which can include working with other Information Technology management and staff.
- Maintains technical knowledge of software development techniques, investigating new tools and utilities for software development as necessary.
- In conjunction with Business Analysts, implements federal and state regulation changes affecting agency systems.
- May assist Business Analyst and Database Administrator in the design, development, execution, and modification of data reports from agency systems for the program division, Research and Planning staff, the Department of Housing and Urban Development (HUD), or any other required organization.
- Exercises industry best practices on all programming projects to prepare assigned system projects for release to Test and Production environments.
- Follows department's Software Development LifeCycle standards and recommends changes or updates.

MINIMUM QUALIFICATIONS

The requirements listed below are representative of the knowledge, skills, and/or abilities required.

Education and Experience:

- Bachelor's degree with a major in data processing, computer science, or other related acceptable field.
- Four years of experience equivalent to information systems analysis or computer programming work.
- Three years of experience in developing or designing information systems.
- Experience with developing Database Change Scripts for deployment of database changes a plus.

The above qualifications express the minimum standards of education and/or experience for this position. Other combinations of education and experience, if evaluated as equivalent, may be taken into consideration.

Knowledge, Skills, Abilities, and Competencies:

- Experience with Microsoft Visual Studio.NET 201/2012/2013 programming suite, including VB, C#, Web Forms, Windows Forms, MVC, and Entity Framework.
- Knowledge of project management and software development techniques and standards, specifically Agile SDLC methodology.
- Working knowledge of Object Oriented design and programming concepts.
- Working knowledge of client server and web based application architecture and development.
- Experience with Microsoft Team Foundation Server 2015 or newer in regards to Check-In/Out, Shelving, Branching, Reversion, Work Item Queries, Areas, Iterations, and time tracking.
- Working knowledge of Internet Information Services concepts and configurations.
- Experience with Java Script, JQuery, and various web scripting languages.
- Experience with XML and web services.
- Experience with Entity Framework.
- Intermediate to advanced proficiency working with Microsoft Structured Query Language (SQL), including the use of stored procedures.
- Moderately proficient in Microsoft Excel, Access, Word, and Outlook.
- Strong analytical, debugging, organizational and decision-making skills.
- Strong interpersonal and verbal/written communication skills.
- The ability to work effectively and efficiently within a team environment.
- Strong administrative skills, with effectiveness in developing tasks and managing resources to achieve target dates.
- Documents regularly, thoroughly, accurately, and completely.

Special Demands:

The special demands described here are representative of those that must be met by a staff member to successfully perform the essential functions of this job.

- While performing the duties of this job, the employee is regularly required to sit; stand; use hands to finger, handle or feel; and talk and hear.
- The employee is occasionally required to walk; reach with hands and arms, and stoop, kneel, or crouch.
- Specific vision abilities required by this job include close vision, distance vision, and the ability to adjust focus.

EQUAL OPPORTUNITY/EQUAL ACCESS/AFFIRMATIVE ACTION EMPLOYER
APPLICATION MUST BE COMPLETE AND RESUME ATTACHED FOR CONSIDERATION
PLEASE VISIT OUR WEBSITE AT WWW.THDA.ORG AND FOLLOW THE ONLINE
APPLICATION INSTRUCTIONS